



## Company Introduction

Shanghai Saidian Packing Materials Co., Ltd is a professional supplier of high barrier PVDC coated film, Acrylic coated film and PVA coated film. Our production base is in Zhejiang. Now we have four coating lines, four slitting machines and two checking machines with more than 7000T annual production capacity. Our company has decades of experience in coating process. Our fundamental purpose is honest practice, pursue superiority, provide customers with suitable products and offer the best services.

Our products are comply with FDA, and our plant already approved by ISO 14000 (Environmental Protection System) and ISO9000(quality assurance system).

We warmly welcome both domestic and overseas customers coming to negotiate business or cooperation.

**4**

Four advanced coating lines

**1600**

Max. width: 1600mm

**7000**

Annual capacity:  
7000 Tons



# COATED FILM PRODUCT CATALOG

FILM	TYPE	DESCRIPTION	REGULAR THICKNESS
PVDC COATED FILM	SD-B1P0	PVDC coated BOPP film	21μ,22μ,30μ
	SD-B1HP0	PVDC coated BOPP film (heat sealable)	21μ,32μ
	SD-B1MP0	PVDC coated Matt BOPP film	21μ
	SD-B1P1	Both sides PVDC coated BOPP film	21μ,31μ,33μ
	SD-B1T0	PVDC coated BOPET film	12μ,13μ,14
	SD-B1MT0	PVDC coated BOPET film	14μ
	SD-B3T0	PVDC coated BOPET film(boilable)	12μ,13μ,14
	SD-B1T1	Both sides PVDC coated BOPET film	15μ
	SD-B1N0	PVDC coated NOYLON film	17μ,14μ,12μ
	SD-B3N0	PVDC coated NOYLON film (boilable)	17μ,14μ,12μ
ACRYLIC COATED FILM	SD-B2P0	Acrylic coated BOPP film	19μ,29μ
	SD-B2T0	Acrylic coated BOPET film	11μ,12μ,13μ
	SD-B2P2	Both sides Acrylic coated BOPP film	20μ,30
ACRYLIC& PVDC COATED FILM	SD-B1P2	BOPP one side coated PVDC, the other side coated Acrylic	27μ,38μ,43μ
PVA COATED FILM	SD-B4P0	PVA coated BOPP film	19μ,29μ
	SD-B4T0	PVA coated BOPET film	11μ,12μ,13μ

Remark:other thickness is available.pls.contact to get more information.



Head Office: No.5 Lane 38, Hexiang Rd., Baihe Town, Qingpu Dist., Shanghai, PRC

Fax: +86 21 51567115 Tel:+86 21 51601858

Web site: [http:// www.sdianpack.com](http://www.sdianpack.com) E-mail: [sales@sdianpack.com](mailto:sales@sdianpack.com)



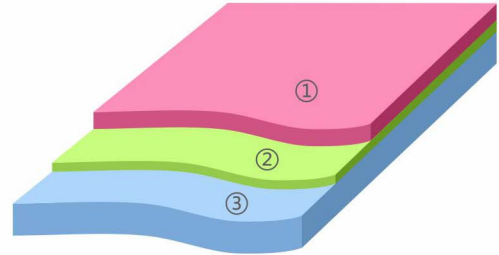
# PVDC Coated BOPP Film (SD-B1P0)

## DESCRIPTION

SD-B1P0 grade is biaxially Oriented Polypropylene film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC    ② Adhesion  
③ BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	21(82.7)	22(86.6)	30(118.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	50.76(35716)	46.95(33009)	34.72(24396)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	19.7(12.31)	21.3(13.3)	28.8(18)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	1.2	1.2	1.2	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	155(22480)	155(22480)	155(22480)
	TD	ASTM D882	MPA(Psi)	290(42059)	290(42059)	290(42059)
Elongation at break	MD	ASTM D882	MPA(Psi)	150(21755)	150(21755)	150(21755)
	TD	ASTM D882	MPA(Psi)	50(7252)	50(7252)	50(7252)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5
	TD	ASTM D1204	%	1	1	1
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.0(173)	1.0(173)	1.0(173)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	> 42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	4.5(0.29)	4.5(0.29)	4.5(0.29)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	7.0(0.45)	7.0(0.45)	7.0(0.45)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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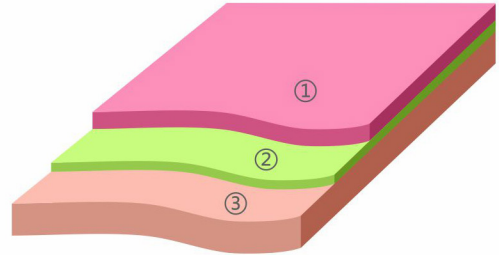
# PVDC Coated Heat Sealable OPP Film (SD-B1HP0)

## DESCRIPTION

SD-B1HP0 grade is Heat Sealable Polypropylene film coated one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC
- ② Adhesion
- ③ Heat Sealable BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value		
<b>PHYSICAL</b>					
Thickness	ASTM D374	Micron(Gauge)	21(82.7)	32(126)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	49.02(34464)	33.00(23201)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	20.4(12.75)	30.3(18.94)	
<b>OPTICAL</b>					
HAZE	ASTM D1003	%	1.2	1.2	
<b>MECHANICAL</b>					
Tensile strength	MD	ASTM D882	MPA(Psi)	135(19579)	135(19579)
	TD	ASTM D882	MPA(Psi)	230(33358)	230(33358)
Elongation at break	MD	ASTM D882	MPA(Psi)	110(15954)	110(15954)
	TD	ASTM D882	MPA(Psi)	52(7542)	52(7542)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.3	0.4/0.3	
<b>THERMAL</b>					
Shrinkage	MD	ASTM D1204	%	1.5	2.4
	TD	ASTM D1204	%	1	1.4
<b>SURFACE</b>					
Seal Strength H side	130°C,0.5S,0.25MPa	N/15mm(g/in)	3.0(518)	3.0(518)	
Seal Strength P side	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.5(173)	1.5(173)	
<b>BARRIER</b>					
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	4.5(0.29)	4.5(0.29)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	7.6(0.49)	7.6(0.49)	

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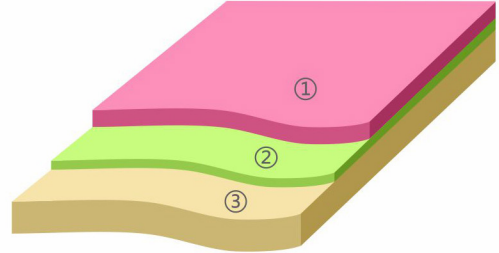
# PVDC Coated Matt BOPP Film (SD-B1MP0)

## DESCRIPTION

SD-B1MP0 grade is biaxially Oriented Polypropylene Matt film coated one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC    ② Adhesion  
③ Matt BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value		
<b>PHYSICAL</b>					
Thickness	ASTM D374	Micron(Gauge)	21(82.7)	30(118.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	51.28(36053)	36.90(25943)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	19.5(12.2)	27.1(16.94)	
<b>OPTICAL</b>					
HAZE	ASTM D1003	%	/	/	
<b>MECHANICAL</b>					
Tensile strength	MD	ASTM D882	MPA(Psi)	125(18129)	125(18129)
	TD	ASTM D882	MPA(Psi)	275(39884)	290(42059)
Elongation at break	MD	ASTM D882	MPA(Psi)	145(21030)	145(21030)
	TD	ASTM D882	MPA(Psi)	35(5076)	35(5076)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.3	0.4/0.3	
<b>THERMAL</b>					
Shrinkage	MD	ASTM D1204	%	1.5	1.5
	TD	ASTM D1204	%	1	1
<b>SURFACE</b>					
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.0(173)	1.0(173)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	
<b>BARRIER</b>					
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	5.0(0.32)	5.0(0.32)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	8.0(0.52)	8.0(0.52)	

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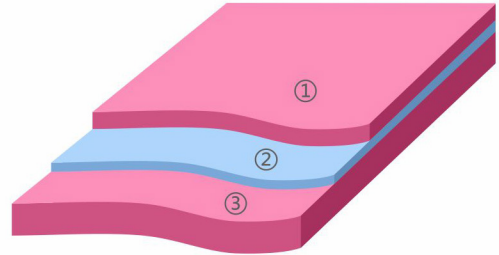
# PVDC Coated BOPP Film On Both Sides (SD-B1P1)

## DESCRIPTION

SD-B1P1 grade is biaxially Oriented Polypropylene film coated on both sides with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC    ② BOPP  
③ PVDC

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	21(82.7)	31(122)	33(129.9)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	46.55(33965)	33(23201)	30.86(21697)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	21.48(13.43)	30.3(18.94)	32.4(20.25)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	1.3	1.4	1.5	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	155(22480)	155(22480)	155(22480)
	TD	ASTM D882	MPA(Psi)	290(42059)	290(42059)	290(42059)
Elongation at break	MD	ASTM D882	MPA(Psi)	150(21755)	150(21755)	150(21755)
	TD	ASTM D882	MPA(Psi)	50(7252)	50(7252)	50(7252)
Coefficient of friction	ASTM D1894	static/kinetic	0.35/0.3	0.35/0.3	0.35/0.3	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5
	TD	ASTM D1204	%	1	1	1
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.0(173)	1.0(173)	1.0(173)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	> 42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	4.5(0.29)	4.5(0.29)	4.5(0.29)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	7.0(0.45)	7.0(0.45)	7.0(0.45)	

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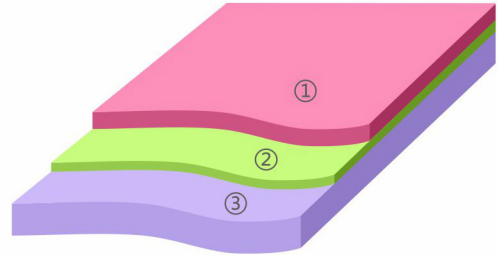
# PVDC Coated BOPET Film on one side (SD-B1T0)

## DESCRIPTION

SD-B1T0 grade is biaxially oriented polyester film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC
- ② Adhesion
- ③ BOPET

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	12(47.2)	13(51.2)	14(55.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	58.14(40876)	53.76(37797)	50(35153)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	17.2(10.75)	18.6(16.3)	20(12.5)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	2.4	2.4	2.4	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	195(28281)	195(28281)	195(28281)
	TD	ASTM D882	MPA(Psi)	185(26831)	185(26831)	185(26831)
Elongation at break	MD	ASTM D882	MPA(Psi)	90(13053)	90(13053)	90(13053)
	TD	ASTM D882	MPA(Psi)	100(14503)	100(14503)	100(14503)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	0.5	0.5	0.5
	TD	ASTM D1204	%	0	0	0
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.2(207)	1.2(207)	1.2(207)	
Surface tension	ASTM D2578	dyne/cm	>42	>42	>42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	9.0(0.58)	9.0(0.58)	9.0(0.58)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	7.56(0.49)	7.56(0.49)	7.56(0.49)	

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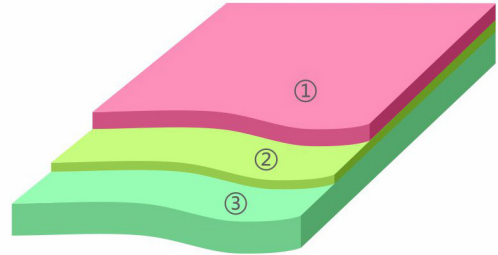
# PVDC Coated Matt BOPET Film (SD-B1MT0)

## DESCRIPTION

SD-B1MT0 grade is Matt biaxially oriented polyester film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC    ② Adhesion  
③ Matt BOPET

## TECHNICAL DATA

Properties	Test	Unit	Typical Value	
<b>PHYSICAL</b>				
Thickness	ASTM D374	Micron(Gauge)	14(55.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	54.64(38416)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	18.3(16.05)	
<b>OPTICAL</b>				
HAZE	ASTM D1003	%	/	
<b>MECHANICAL</b>				
Tensile strength	MD	ASTM D882	MPA(Psi)	154(22335)
	TD	ASTM D882	MPA(Psi)	146(21175)
Elongation at break	MD	ASTM D882	MPA(Psi)	88(12763)
	TD	ASTM D882	MPA(Psi)	54(7832)
Coefficient of friction	ASTM D1894	static/kinetic	0.35/0.30	
<b>THERMAL</b>				
Shrinkage	MD	ASTM D1204	%	1.23
	TD	ASTM D1204	%	0.8
<b>SURFACE</b>				
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.35(233)	
Surface tension	ASTM D2578	dyne/cm	> 42	
<b>BARRIER</b>				
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	12.4(0.8)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	8.51(0.55)	

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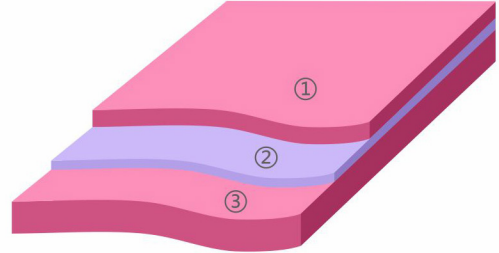
## PVDC Coated BOPET Film on both sides (SD-B1T1)

### DESCRIPTION

SD-B1T1 grade is biaxially oriented polyester film coated on both sides with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

### CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.
- Can not be contact with alcohol.



- ① PVDC    ② BOPET  
③ PVDC

### TECHNICAL DATA

Properties	Test	Unit	Typical Value	
<b>PHYSICAL</b>				
Thickness	ASTM D374	Micron(Gauge)	15(59.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	47.17(33164)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	21.2(13.25)	
<b>OPTICAL</b>				
HAZE	ASTM D1003	%	2.5	
<b>MECHANICAL</b>				
Tensile strength	MD	ASTM D882	MPA(Psi)	195(28281)
	TD	ASTM D882	MPA(Psi)	185(26831)
Elongation at break	MD	ASTM D882	MPA(Psi)	90(13053)
	TD	ASTM D882	MPA(Psi)	100(14503)
Coefficient of friction	ASTM D1894	static/kinetic	0.35/0.30	
<b>THERMAL</b>				
Shrinkage	MD	ASTM D1204	%	0.5
	TD	ASTM D1204	%	0
<b>SURFACE</b>				
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	1.0(173)	
Surface tension	ASTM D2578	dyne/cm	> 42	
<b>BARRIER</b>				
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	8.0(0.52)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	6.54(0.42)	

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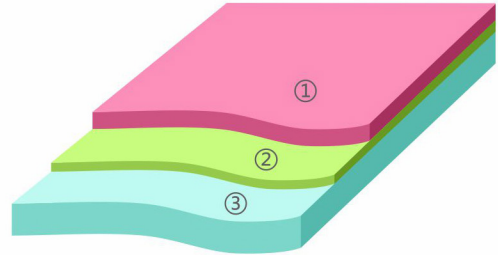
# PVDC Coated BOPA Film (SD-B1N0)

## DESCRIPTION

SD-B1N0 grade is biaxially oriented polyamide film coated on one side with an aqueous dispersion of polyvinylidene designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVDC
- ② Adhesion
- ③ BOPA

## TECHNICAL DATA

Properties		Test	Unit	Typical Value			
<b>PHYSICAL</b>							
Thickness		ASTM D374	Micron(Gauge)	27(106.3)	17(66.9)	14 ( 55.1 )	12 ( 47.2 )
Yield		SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	31.20(21936)	48.54(34127)	58.48(41111)	67.56(47499)
Unit Weight		SD test	g/m <sup>2</sup> (lb/ream)	32.05(20.03)	20.6(12.88)	17.1(10.69)	14.8(9.25)
<b>OPTICAL</b>							
HAZE		ASTM D1003	%	3.4	3.4	3.4	3.4
<b>MECHANICAL</b>							
Tensile strength	MD	ASTM D882	MPA(Psi)	170(2465)	170(2465)	170(2465)	170(2465)
	TD	ASTM D882	MPA(Psi)	180(26106)	180(26106)	180(26106)	180(26106)
Elongation at break	MD	ASTM D882	MPA(Psi)	100(14503)	100(14503)	100(14503)	100(14503)
	TD	ASTM D882	MPA(Psi)	80(11603)	80(11603)	80(11603)	80(11603)
Coefficient of friction		ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	0.4/0.35
<b>THERMAL</b>							
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5	1.5
	TD	ASTM D1204	%	1.5	1.5	1.5	1.5
<b>SURFACE</b>							
Seal Strength		135°C,0.5S,0.25MPa	g/15mm(g/in)	2.0(346)	2.0(346)	2.0(346)	2.0(346)
Surface tension		ASTM D2578	dyne/cm	>42	> 42	> 42	> 42
<b>BARRIER</b>							
WVTR		ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	9.0(0.58)	9.0(0.58)	9.0(0.58)	9.0(0.58)
OTR		ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	6.8(0.44)	6.8(0.44)	6.8(0.44)	6.8(0.44)

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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Head Office: No.5 Lane 38, Hexiang Rd.,Baihe Town, Qingpu Dist., Shanghai, PRC Tel:+86 21 51601858

Fax: +86 21 51567115 Web site: [http:// www.sdianpack.com](http://www.sdianpack.com) E-mail: [sales@sdianpack.com](mailto:sales@sdianpack.com)



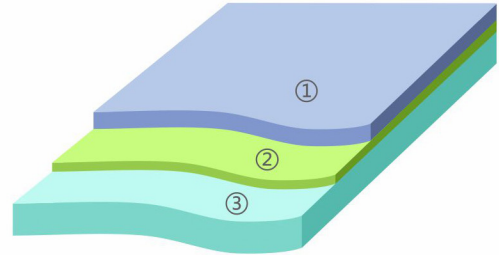
# PVDC Coated BOPA Film (SD-B3N0)

## DESCRIPTION

SD-B3N0 grade is biaxially oriented polyamide film coated on one side with an aqueous dispersion of polyvinylidene designed for pasteurization or water boiling applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.
- It can be boiled in water under condition 95°C, 45 minutes.



- ① PVDC
- ② Adhesion
- ③ BOPA

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	17(66.9)	14(55.1)	12(47.2)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	48.54(34127)	58.48(41111)	67.56(47499)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	20.6(12.88)	17.1(10.69)	14.8(9.25)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	3.4	3.4	3.4	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	170(2465)	170(2465)	170(2465)
	TD	ASTM D882	MPA(Psi)	180(26106)	180(26106)	180(26106)
Elongation at break	MD	ASTM D882	MPA(Psi)	100(14503)	100(14503)	100(14503)
	TD	ASTM D882	MPA(Psi)	80(11603)	80(11603)	80(11603)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5
	TD	ASTM D1204	%	1.5	1.5	1.5
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	g/15mm(g/in)	2.0(346)	2.0(346)	2.0(346)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	> 42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	8.5(0.55)	8.5(0.55)	8.5(0.55)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	6.5(0.42)	8.5(0.55)	8.5(0.55)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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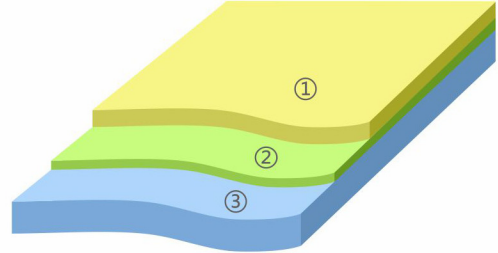
# Acrylic Coated BOPP Film (SD-B2P0)

## DESCRIPTION

SD-B2P2 grade is biaxially Oriented Polypropylene film coated on one side with an aqueous dispersion of acrylic designed for flexible packaging applications.

## CHARACTERISTICS

- low temperature heat sealable, outstanding optical performance.
- Ideal for printing.
- Good aroma protection.



- ① Acrylic ② Adhesion  
③ BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value		
<b>PHYSICAL</b>					
Thickness	ASTM D374	Micron(Gauge)	19(74.8)	29(114.2)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	57.21(40220)	37.62(26450)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	17.48(10.92)	26.58(16.61)	
<b>OPTICAL</b>					
HAZE	ASTM D1003	%	2.5	2.5	
<b>MECHANICAL</b>					
Tensile strength	MD	ASTM D882	MPA(Psi)	162(23495)	166(24075)
	TD	ASTM D882	MPA(Psi)	310(44960)	320(46410)
Elongation at break	MD	ASTM D882	MPA(Psi)	178(25816)	185(26831)
	TD	ASTM D882	MPA(Psi)	45(6526)	53(7687)
Coefficient of friction	ASTM D1894	AC/AC	0.35	0.35	
<b>THERMAL</b>					
Shrinkage	MD	ASTM D1204	%	1.5	1.5
	TD	ASTM D1204	%	1	1
<b>SURFACE</b>					
Seal Strength	125°C,0.5S,0.25MPa	N/15mm(g/in)	2.3(397)	2.3(397)	
Surface tension	ASTM D2578	dyne/cm	> 38	> 38	
<b>BARRIER</b>					
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	5.6(0.36)	5.4(0.35)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	1540(99.35)	1450(93.55)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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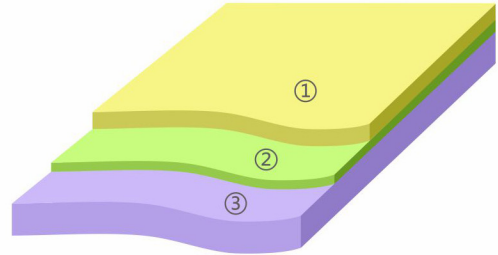
# PVDC Coated BOPET Film (SD-B2T0)

## DESCRIPTION

SD-B2T0 grade is biaxially oriented polyester film coated on one side with an aqueous dispersion of acrylic designed for flexible packaging applications.

## CHARACTERISTICS

- low temperature heat sealable, outstanding optical performance.
- Ideal for printing.
- Good aroma protection.



- ① Acrylic ② Adhesion  
③ BOPET

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	11(43.3)	12(47.2)	1351.2)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	67.1(47176)	61.35(43133)	56.50(39723)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	14.9(9.31)	16.3(10.18)	17.7(11.06)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	3.5	3.5	3.5	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(PSI)	195(28281)	195(28281)	195(28281)
	TD	ASTM D882	MPA(PSI)	185(26831)	185(26831)	185(26831)
Elongation at break	MD	ASTM D882	MPA(PSI)	90(13053)	90(13053)	90(13053)
	TD	ASTM D882	MPA(PSI)	100(14503)	100(14503)	100(14503)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	0.5	0.5	0.5
	TD	ASTM D1204	%	0	0	0
<b>SURFACE</b>						
Seal Strength	125°C ,0.5S,0.25MPa	N/15mm(g/in)	2.3(397)	2.3(397)	2.3(397)	
Surface tension	ASTM D2578	dyne/cm	> 42	> 42	> 42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	45(2.9)	45(2.9)	45(2.9)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> · 24h (cc/100in <sup>2</sup> · 24h)	110(7.1)	110(7.1)	110(7.1)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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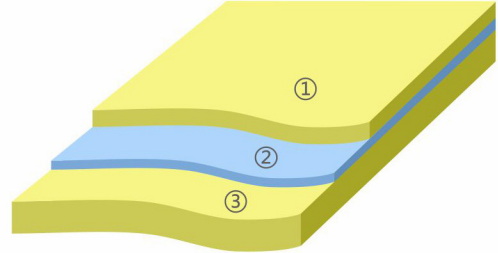
# Acrylic Coated BOPP Film On Both Sides (SD-B2P2)

## DESCRIPTION

SD-B2P2 grade is biaxially Oriented Polypropylene film coated on Both sides with an aqueous dispersion of acrylic designed for flexible packaging applications.

## CHARACTERISTICS

- low temperature heat sealable, outstanding optical performance.
- Ideal for printing.
- Good aroma protection.



- ① Acrylic ② BOPP  
③ Acrylic

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	20(78.7)	22(86.6)	30(118.1)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	53.47(37593)	48.78(34296)	35.97(25289)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	18.7(11.69)	20.5(12.8)	27.8(17.37)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	2.4	2.4	2.5	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	162(23495)	162(23495)	166(24075)
	TD	ASTM D882	MPA(Psi)	310(44960)	310(44960)	320(46410)
Elongation at break	MD	ASTM D882	MPA(Psi)	178(25816)	178(25816)	185(26831)
	TD	ASTM D882	MPA(Psi)	45(6526)	45(6526)	53(7687)
Coefficient of friction	ASTM D1894	inside/outside	0.35	0.35	0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	1.5	1.5	1.5
	TD	ASTM D1204	%	1	1	1
<b>SURFACE</b>						
Seal Strength	125°C,0.5S,0.25MPa	N/15mm(g/in)	2.3(397)	2.3(397)	2.3(397)	
Surface tension	ASTM D2578	Both sides dyne/cm	> 38	> 38	> 38	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	5.6(0.36)	5.4(0.35)	5.0(0.32)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> . 24h (cc/100in <sup>2</sup> . 24h)	1350(87.1)	1300(83.9)	1250(80.6)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

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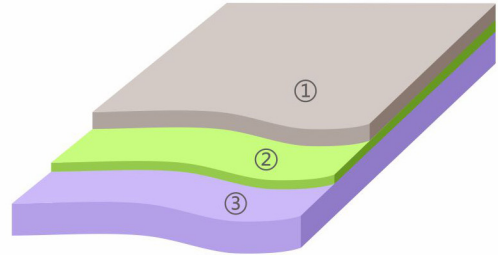
# Polyvinyl alcohol Coated BOPET Film (SD-B4T0)

## DESCRIPTION

SD-B4T0 grade is biaxially oriented polyester film coated on one side with an aqueous dispersion of Polyvinyl alcohol designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVA
- ② Adhesion
- ③ BOPET

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	11(43.3)	12(47.2)	13(51.2)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	66.23(46564)	60.6(42606)	55.87(39280)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	15.1(9.44)	16.5(10.3)	17.9(11.12)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	2.4	2.4	2.4	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	195(28281)	195(28281)	195(28281)
	TD	ASTM D882	MPA(Psi)	185(26831)	185(26831)	185(26831)
Elongation at break	MD	ASTM D882	MPA(Psi)	90(13053)	90(13053)	90(13053)
	TD	ASTM D882	MPA(Psi)	100(14503)	100(14503)	100(14503)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.35	0.4/0.35	0.4/0.35	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	0.5	0.5	0.5
	TD	ASTM D1204	%	0	0	0
<b>SURFACE</b>						
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	/	/	/	
Surface tension	ASTM D2578	dyne/cm	>42	>42	>42	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	45(2.9)	45(2.9)	45(2.9)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	1.3(0.08)	1.3(0.08)	1.3(0.08)	

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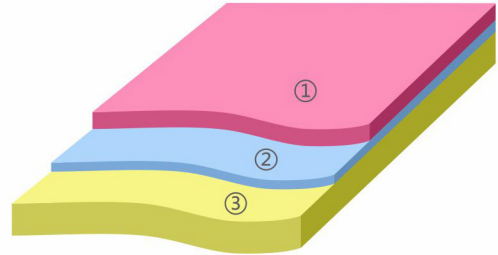
# PVDC&Acrylic Coated BOPP Film (SD-B1P2)

## DESCRIPTION

SD-B1P2 grade is biaxially Oriented Polypropylene film coated with acrylic on one side ,suitable for printing with glossy appearance,pvdc coated on the other side providing oxygen and aroma barrier.

## CHARACTERISTICS

- low temperature heat sealable,outstanding optical performance.
- Ideal for printing,High gas barrier.
- Good aroma protection.



- ① PVDC    ② BOPP  
③ Acrylic

## TECHNICAL DATA

Properties	Test	Unit	Typical Value			
<b>PHYSICAL</b>						
Thickness	ASTM D374	Micron(Gauge)	27(106.3)	38(149.6)	43(169.3)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	37.74(26534)	27.4(19264)	24.5(17225)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	26.5(16.57)	36.5(22.8)	40.1(25)	
<b>OPTICAL</b>						
HAZE	ASTM D1003	%	2.5	2.6	2.8	
<b>MECHANICAL</b>						
Tensile strength	MD	ASTM D882	MPA(Psi)	162(23495)	162(23495)	166(24075)
	TD	ASTM D882	MPA(Psi)	310(44960)	310(44960)	320(46410)
Elongation at break	MD	ASTM D882	MPA(Psi)	178(25816)	178(25816)	185(26831)
	TD	ASTM D882	MPA(Psi)	45(6526)	45(6526)	53(7687)
Coefficient of friction (pvdc)	ASTM D1894	inside/outside	0.35	0.35	0.3	
<b>THERMAL</b>						
Shrinkage	MD	ASTM D1204	%	0.2	0.2	0.2
	TD	ASTM D1204	%	0.2	0.2	0.2
<b>SURFACE</b>						
Seal Strenth( pvdc)	135°C,0.5S,0.25MPa	N/15mm(g/in)	3.5(606)	3.5(606)	3.5(606)	
Seal Strenth (acrylic)	125°C,0.5S,0.25MPa	N/15mm(g/in)	2.3(397)	2.3(397)	2.3(397)	
Surface tension	ASTM D2578	Both sides dyne/cm	> 38	> 38	> 38	
<b>BARRIER</b>						
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	3.9(0.25)	3.9(0.25)	3.9(0.25)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> · 24h (cc/100in <sup>2</sup> · 24h)	8.5(0.55)	8.5(0.55)	8.5(0.55)	

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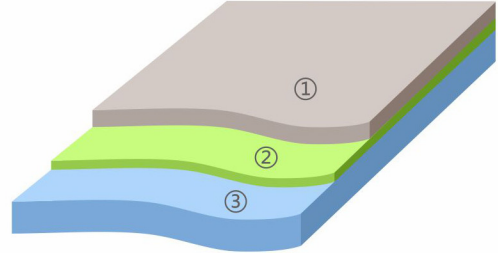
# Polyvinyl alcohol Coated BOPP Film (SD-B4P0)

## DESCRIPTION

SD-B4P0 grade is biaxially Oriented Polypropylene film coated on one side with an aqueous dispersion of Polyvinyl alcohol designed for flexible packaging applications.

## CHARACTERISTICS

- Excellent oxygen barrier, outstanding flavor and aroma barrier.
- Excellent heat resistance, the best mechanical strength.
- Outstanding properties of printable.



- ① PVA
- ② Adhesion
- ③ BOPP

## TECHNICAL DATA

Properties	Test	Unit	Typical Value		
<b>PHYSICAL</b>					
Thickness	ASTM D374	Micron(Gauge)	19(74.8)	29(114.2)	
Yield	SD test	m <sup>2</sup> /kg(in <sup>2</sup> /lb)	56.56(39765)	37.34(262526)	
Unit Weight	SD test	g/m <sup>2</sup> (lb/ream)	17.68(11.05)	26.78(16.74)	
<b>OPTICAL</b>					
HAZE	ASTM D1003	%	1.1	1.1	
<b>MECHANICAL</b>					
Tensile strength	MD	ASTM D882	MPA(Psi)	155(22480)	155(22480)
	TD	ASTM D882	MPA(Psi)	290(42059)	290(42059)
Elongation at break	MD	ASTM D882	MPA(Psi)	150(21755)	150(21755)
	TD	ASTM D882	MPA(Psi)	50(7252)	50(7252)
Coefficient of friction	ASTM D1894	static/kinetic	0.4/0.3	0.4/0.3	
<b>THERMAL</b>					
Shrinkage	MD	ASTM D1204	%	1.5	1.5
	TD	ASTM D1204	%	1	1
<b>SURFACE</b>					
Seal Strength	135°C,0.5S,0.25MPa	N/15mm(g/in)	/	/	
Surface tension	ASTM D2578	dyne/cm	54	54	
<b>BARRIER</b>					
WVTR	ASTM E398	g/m <sup>2</sup> /24h (g/100in <sup>2</sup> /24h)	4.5(0.29)	4.5(0.29)	
OTR	ASTM D3985	cm <sup>3</sup> /m <sup>2</sup> ·24h (cc/100in <sup>2</sup> ·24h)	1.5(0.10)	1.5(0.10)	

\* Values for reference data only contact SD Pack CO.,LTD for actual gauges available

NOTE: The stated values are typical data and are not specification of guarantee. SD Pack suggest that purchaser confirm product compatibility prior to use of this product. Stated values are believed to be accurate, but all information is presented without guarantee or responsibility on the part of SD Pack CO.,LTD.

Head Office: No.5 Lane 38, Hexiang Rd., Baihe Town, Qingpu Dist., Shanghai, PRC Tel: +86 21 51601858

Fax: +86 21 51567115 Web site: <http://www.sdianpack.com> E-mail: [sales@sdianpack.com](mailto:sales@sdianpack.com)